WHAT IS CLAIMED IS:

1. A voice activated Hypermedia system using grammatical metadata, said system comprising:

    a. a speech user agent;

    b. a browsing module; and

    c. an information resource.

2. The system of Claim 1, wherein said system further includes embedded intelligence in hypermedia source.

3. The system of Claim 2, wherein said system further includes a means for processing the actions of a user based on said embedded intelligence.

4. The system of Claim 3, wherein said system further includes a means for returning a result of said actions to said user.

5. The system of Claim 2, wherein said hypermedia source is a HTML page.

6. The system of Claim 1, wherein said system further includes an instructional module for communicating allowed actions by a user.

7. The system of Claim 2, wherein said embedded intelligence is a grammar.

8. The system of Claim 2, wherein said embedded intelligence is a reference to a grammar.

9. The system of Claim 7, wherein said grammar is dynamically added to a speech recognizer.

10. The system of Claim 3, wherein said actions come from a speech recognizer.

11. A voice activated Hypermedia system using grammatical metadata, said system comprising:

    a. a speech user agent;

    b. a browsing module;

    c. an information resource;

5   d. a means for extracting a grammar from a hypermedia source for future reference to said source;

    e. a means for modifying said grammar; and

    f. a means for automatically producing an intelligent grammar from said information resource; and

10   g. a means for processing said grammar to produce a reference to said hypermedia source.

12. The system of Claim 11, wherein said system further includes a means for tokenizing a title for addition into said grammar.

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13. The system of Claim 11, wherein said system includes a means for dynamically adding said grammar to a speech recognizer.

14. A voice activated Hypermedia system using grammatical metadata, said system comprising:

20   a. a speech user agent;

    b. a browsing module;

    c. an information resource; and

    d. a means for producing a grammar from textual representation of links to said information resource.

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15. The system of Claim 14, wherein said system further includes a means for recognizing sentences from said grammar to follow said links to said information resource.

16. The system of Claim 14, wherein said system further includes a means for adding said

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grammars dynamically to said system.

17. The system of Claim 14, wherein said grammars further include word pronunciations.

18. The system of Claim 14, wherein said grammars further include multiple options for tokenization.

19. The system of Claim 17, wherein said system further includes a means for dictionary lookup.